L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
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TITLE: Polyurethane elastomers
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PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals Co., Ltd.
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AB Polyhydroxyl compds., mol. weight 200-5000, containing end-OH groups, aliphatic and(or) alicyclic diisocyanates, and α,ω-amino polyamide oligomers, mol. weight 470-1000, or the mixts. with 1-amino-3-aminoethyl-3,5,5-trimethylcyclohexane [42968-91-2] gave microporous polyurethane elastomers with good weather resistance, useful as leather substitutes. Thus, 69 parts polyester(average mol. weight 690), adipic acid-1,4-butanediol adduct (43.8:36 parts), and 64.3 parts isopropylidenedicyclohexyl 4,4'-diisocyanate (I) [26189-89-9] were heated 4 hr in N at 100.deg., and the prepolymer (7.5% NCO) as 133.3 parts was dissolved in 133.3 parts DMF, and stirred 30 min at room temperature with a solution containing 54.5 parts polyamide oligomer (mol. weight 480). A I-di-Me terephthalate adduct (340:194 parts) in 54.5 parts DMF was added to give 752 parts elastomer solution, viscosity 30,000 cP, which formed microporous sheets that did not yellow during 3 months weather exposure.

IT 42968-91-2
RL: USES (Uses)
(polyurethanes modified by, cellular, for leather substitutes)
RN 42968-91-2 CAPLUS

CN Cyclohexaneethanamine, 5-amino-1,3,3-trimethyl- (9CI) (CA INDEX NAME)